

BUILDERS HARDWARE FINISHERS INC.

1846 SICHEL STREET

LOS ANGELES, CA., 90031

CONTINGENCY

PLAN

The following instructions are to meet the California Administrative Code,  
Title # 22 Section 67120, to 67145 and 67105.

### CONTINGENCY PLAN

- 1). In the event of an emergency (fire, explosion hazardous spills etc.) The following actions shall be taken:
  1. Person(s) first identifying the dangers shall alert all personnel in the immediate vicinity of the danger and sound the general alarm.
  2. Emergency Coordinator Members shall proceed to
    - A. Fires: Sound alarm (evacuate building) obtain nearest fire extinguisher extinguish fire (if possible) and/or call fire department.
    - B. Fumes: Sound alarm (evacuate area/building) safety committee, obtain respirators from designated points. Determine source of problem(s) contact the necessary emergency agency: Fire Dept. Medical, Police, Dept. of Health Service etc.
    - C. Explosion: Sound alarm (evacuate building) call proper emergency agencies; Fire, Medical, Police, Dept. of Health Services etc.
    - D. Hazardous spills: Sound alarm.

### SAFETY EQUIPMENT

- 2). All safety equipment shall be accessible to all employees
  1. Fire extinguisher a). Near rear & front door exits.
  2. Respirators with chemical cartridge for organic vapor and fumes. Location:
    - b). Near fire extinguishers at rear and front door exits.
  3. Absorbent for liquid spills:
    - a). Sawdust

Contingency Plan Continue...

- 4. Rubber gloves and boots, safety goggles
- 5. Eye wash fountain     a). east side of soap tank #7
- 6. Safety shower.         a). south of chrome tank #2

TRAINING PROGRAM (FIRE OR EXPLOSION) GENERAL

- 3). a). All every day equipment shall be checked and cleaned every 90 days.
- b). All fire extinguishers shall be serviced on or before the
- c). Respirators will be located near the fire extinguishers
- d). All exits shall be clearly marked
- e). Electrical circuit leading to the process equipment in the work area, shall be turned off. Only current needed for lighting and building shall remain on.

CHEMICAL SPILL

- 3A). a). Containment of liquid using absorbent materials.
- b). Notify Safety Marshall and Supervisor of chemical spill giving information on type of solution and any physical characteristics
- c). Clean up spill with proper equipment and materials
- d). Dispose of waste in proper manner as prescribed by Dept. of Health Services of Los Angeles County

### JOB TITLES

- 4). a). Safety Committee: (3 persons),
- b). Fire & Safety Marshall: (1 person), Chairman

### TRAINING PROGRAM HAZARDOUS WASTE HANDLING

- 5). 1. Job title: Safty marshall (waste and chemical coordinator. Safty marshall shall:
  - a). Handle all chemicals (hazardous and others).
  - b). Make additions of chemicals to be used in manufacturing of products.
  - c). Report amounts of chemicals handled and used each day to plant manager.
  - d). Report amounts of waste (Hazardous & non hazardous) handled each day, also the disposition of this waste (solidify, stored in drums, drums properly labled, stored in proper storage areas, etc.)
  - e). All equipment used for clean up of hazardous materials (gloves, aprons, boots, etc.) shall be cleaned before placed in storage. Washing are to be placed with hazardous waste materials.
  - f). Have training and handleling storage use & disposal of any and all new chemical introduced into the plant. This training shall be given by the Plant Managment or an outside qualified Technical Personal (Chemist and/or Engineer) All training shall be documented giving details such as type of chemical, amounts, warnings, etc.

SAFETY COMMITTEE  
DUTIES

- 6).
1. See that rules are enforced.
  2. Proper house keeping procedures are followed.
  3. Receive accident reports.
  4. Responsible for investigation of accidents.
  5. Keeping appropriate accident records.
  6. Keeping records of personnel exposed to hazardous substances.
  7. Keep track of hazardous or controlled materials,  
Fire & Safety Marshall is to supervise the above functions. Members of Safety Committee to be 1st aid personnel

CHEMICAL STORAGE & USEAGE

- 7).
1. All chemicals are to be be suported in accordance to this compatibility:

Section 1 : Cyanides, caustic, compounds

Section 2 : Flammables

Section 3 : Acids and acid materials

Storage shall be with each section partition from each other chemicals on concrete bermed areas.

## CHEMICALS IN WORK PLACE (TRAINING)

- 8). a). All chemicals can be dangerous.
- b). All equipment in work place can be very hazardous if not used in the proper and responsible manner.
- c). Specific chemicals.
1. Sodium cyanide + acid  $\rightarrow$  Hydrogen cyanide, poisonous gas.  
  
100 PPM death within 1 hour  
110-135 PPM death within  $\frac{1}{2}$  to 1 hour  
181 PPM death after 10 min.  
280 PPM death immediately  
@ 10 PPM is the TLV by skin absorption
- d). Hydrogen cyanide and cyanide salts such as copper cyanide, zinc cyanide, are poisonous by inhalation and by absorption through the skin. Do not take internally, wash hands and contacted areas after handling the cyanide compounds.

### Symptoms:

Odor of oil of bitter almonds on breath, headache, rapid breathing, palpitating of heart, feeling of tightness of chest, convulsions.

### Prompt treatment if inhaled:

Break an amyl nitrite in a cloth and hold lightly under nose for 15 seconds. Repeat 5 times at about 15 seconds intervals. Use artificial respiration if breathing has stopped.

### If swallowed:

Break an amyl nitrite pearl in a cloth and hold lightly under nose for 15 seconds. If patient is conscious or when consciousness returns, induce vomiting by giving two glasses of water and sticking finger down throat. Repeat inhalation of amyl nitrite 5 times at about 15 second intervals. Use artificial respiration if breathing has stopped (never give anything by mouth to an unconscious person).

Training continue...

2. Sodium hydroxide or inorganic acids.  
Contamination with these compounds will generally be known immediately because of the burning sensation on the tissue. Wash contaminated area of body surface with running water for at least 15 minutes. If acid burns after washing with water, apply 5% sodium bicarbonate solution. If alkaline or caustic burns, cover wound with oil dressing or bland ointment.

\* See first aid personnel for treatment.

IDENTIFI- CATION PRODUCT	USE	HAZARDOUS INGREDIENTS	FIRE & EXPLOSIVE DATA	HEALTH HAZARDOUS	FIRST AID TREATMENT	PRECAUTIONS
COPPER CYANIDE SODIUM CYANIDE	ADDITIVE TO BRASS PLATING	SODIUM CY. COPPER CY.	N/A	MAY CAUSE DEATH	AMYL NITRITE, OXYGEN OR ARTI- FICIAL RESPIRA- TION. OBTAIN MEDICAL HELP.	DO NOT ADD WATER OR CO2 CO2 WILL PRO- DUCE HYDROGEN CYANIDE
COPPER SULFATE			N/A	TOXIC ORALLY CORROSIVE TO EYES	INGESTION: DRINK LGE. QUAN- TITIES OF WA- -TER OR MILK. GET MEDICAL HELP. EYES: IRRIGATE WITH LGE. AMOUNTS OF WATER AT LEAST 15 MIN. GET ME- DICAL HELP	USUALLY CHEMI- CAL SAFETY MEASURES.
SODIUM HYPOCHLORITE SOLUTION	ADDITIVE TO TREATMENT SYSTEM	SODIUM HYPOCHLORITE				



<u>IDENTIFI- CATION PRODUCT</u>	<u>USE</u>	<u>HAZARDOUS INGREDIENTS</u>	<u>FIRE &amp; EXPLOSIVE DATA</u>	<u>HEALTH HAZARDOUS</u>	<u>FIRST AID TREATMENT</u>	<u>PRECAUTIONS</u>
# 111 LACQUER THINNER	PROTECTIVE COAT FOR ME- TAL PLATED PARTS	#111 LACQUER THINNER (COMBINATION OF ORGANIC SOLVENTS)	FLAMABLE EXTINGUISH WITH WATER, FOAM, DRY CHIMICAL,	INHALATION: NAUSEA, HEADACHE, DIZZINESS SKIN & EYES MILD IRRI- TATION	INHALATION: REMOVE TO FRESH AIR, GET MEDICAL AID IMMEDIA- TELY SKIN: WASH SOAP & WATER GET MEDICAL AID IF NECE- SSARY. EYES: FLUSH WITH WA- TER FOR 15 MIN CONSULT PHYSI- CIAN.	STORE & USE IN WELL VENTILA- TED COOL AREAS. KEEP AWAY FROM SPARKS & OPEN FLAMES.
# 122 LACQUER RETARDER		#122 LACQUER RETARDER (COBINATION OF ORGANIC SOLVENTS)	FLAMABLE EXTINGUISH WITH WATER FOG ONLY	INHALATION: NAUSEA, HEADACHE, DIZZINESS SKIN & EYES MILD IRRI- TATION	INHALATION: REMOVE TO FRESH AIR, GET MEDICAL AID IMMEDIA- TELY SKIN: WASH SOAP & WATER GET MEDICAL AID IF NECE- SSARY. EYES: FLUSH WITH WA- TER FOR 15 MIN CONSULT PHYSI- CIAN.	STORE & USE IN WELL VENTILA- TED COOL AREAS. KEEP AWAY FROM SPARKS & OPEN FLAMES. CONCENTRATED VA- POR CAN CAUSE FLASH FIRE.

<u>IDENTIFI-</u> <u>CATION</u> <u>PRODUCT</u>	<u>USE</u>	<u>HAZARDOUS</u> <u>INGREDIENTS</u>	<u>FIRE &amp;</u> <u>EXPLOSIVE</u> <u>DATA</u>	<u>HEALTH</u> <u>HAZARDOUS</u>	<u>FIRST AID</u> <u>TREATMENT</u>	<u>PRECAUTIONS</u>
NO.325 WATER WHITE CLEAR LACQUER	PROTECTIVE COAT FOR METAL PLATED PARTS	NO.325 WATER WHITE CLEAR LACQUER (COMBINATION OF ORGANICS)	FLAMABLE EXTINGUISH WITH WATER FOG ONLY	INHALATION: NAUSEA, HEADACHE, DIZZINESS SKIN & EYES MILD IRRI- TATION	INHALATION: REMOVE TO FRESH AIR, GET MEDICAL AID IMMEDIA- TELY SKIN:WASH SOAP & WATER GET MEDICAL AID IF NECE- SSARY. EYES: FLUSH WITH WA- TER FOR 15 MIN CONSULT PHYSI- CIAN.	STORE & USE IN WELL VENTILA- TED COOL AREAS. KEEP AWAY FROM SPARKS & OPEN FLAMES. CONCENTRATED VAPOR CAN CAUSE FLASH FIRE.
GEMINI # 54		N/A	N/A	HARMFUL IF SWALLOWED, SKIN IRRITA- TION	IF INGESTED, DO NOT INDUCE VOMITING. GET MEDICAL HELP SKIN IRRITA- TION: WASH & FLUSH AREA WITH PLENTY OF WATER	AVOID CONTACT WITH SKIN & EYES.

IDENTIFI-  
CATION  
PRODUCT

USE

HAZARDOUS  
INGREDIENTS

FIRE &  
EXPLOSIVE  
DATA

HEALTH  
HAZARDOUS

FIRST AID  
TREATMENT

PRECAUTIONS

CLEAR LACQUER

PROTECTIVE  
COAT FOR ME-  
TAL PLATED  
PARTS

CLEAR LACQUER

FLAMABLE

HARMFUL IF  
SWALLOWED,  
INHALED  
(CARCINOGEN)

INGESTION:  
DRINK WATER  
DO NOT INDUCE  
VOMITING, GET  
MEDICAL ATTEN-  
TION IMMEDIA-  
TELY.  
INHALATION:  
REMOVE TO FRESH  
AIR, GET MEDICAL  
ATTENTION  
IMMEDIATELY.

AVOID CONTACT  
WITH SKIN &  
EYES, DO NOT  
TAKE INTERNALLY  
USE WITH GOOD  
VENTILATION.